

(FILE 'HOME' ENTERED AT 10:44:19 ON 29 MAY 2003)

FILE 'REGISTRY' ENTERED AT 10:44:39 ON 29 MAY 2003

L1 114 S DIMETHYLOLBUTANOIC(W)ACID
L2 1264 S ISOPHORONE(W)DIISOCYANATE
L3 1659 S HEXAMETHYLENE(W)DIISOCYANATE

FILE 'CAPLUS' ENTERED AT 10:51:11 ON 29 MAY 2003

L4 75 S (56743-27-2# OR 10097-02-6#)/RN
S PUR/PCT

FILE 'REGISTRY' ENTERED AT 10:51:49 ON 29 MAY 2003

L5 63209 S PUR/PCT

FILE 'CAPLUS' ENTERED AT 10:51:49 ON 29 MAY 2003

L6 36128 S L5
L7 144493 S POLYURETHANE# OR DIISOCYANAT!# OR POLYISOCYANAT!# OR
((ISOCYA
L8 148179 S L6 OR L7
L9 36128 S L6 AND L8
L10 42 S L4 AND L8

FILE 'STNGUIDE' ENTERED AT 10:54:50 ON 29 MAY 2003

FILE 'CAPLUS' ENTERED AT 10:54:58 ON 29 MAY 2003

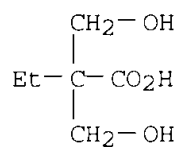
FILE 'STNGUIDE' ENTERED AT 10:55:03 ON 29 MAY 2003

FILE 'CAPLUS' ENTERED AT 11:08:00 ON 29 MAY 2003

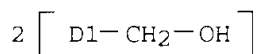
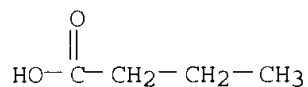
FILE 'STNGUIDE' ENTERED AT 11:08:01 ON 29 MAY 2003

FILE 'CAPLUS' ENTERED AT 11:12:59 ON 29 MAY 2003

RN 10097-02-6 REGISTRY
 CN Butanoic acid, 2,2-bis(hydroxymethyl)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Butyric acid, 2,2-bis(hydroxymethyl)- (7CI, 8CI)
 OTHER NAMES:
 CN 2,2-Bis(hydroxymethyl)butanoic acid
 CN 2,2-Bis(hydroxymethyl)butyric acid
 CN **2,2-Dimethylolbutanoic acid**
 CN 2,2-Dimethylolbutyric acid
 FS 3D CONCORD
 MF C6 H12 O4
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, IFICDB, IFIPAT, IFIUDB, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

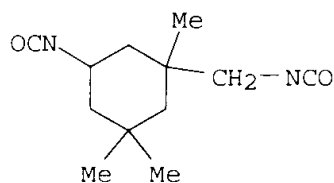


RN 56743-27-2 REGISTRY
 CN Butanoic acid, bis(hydroxymethyl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **Dimethylolbutanoic acid**
 CN Dimethylolbutyric acid
 CN DMBA
 DR 225519-86-8
 MF C6 H12 O4
 CI IDS, COM
 LC STN Files: CA, CAPLUS, CIN, PROMT, TOXCENTER, USPATFULL



28 REFERENCES IN FILE CA (1957 TO DATE)
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 28 REFERENCES IN FILE CAPLUS (1957 TO DATE)

RN 4098-71-9 REGISTRY
 CN Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl- (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Isocyanic acid, methylene(3,5,5-trimethyl-3,1-cyclohexylene) ester (7CI, 8CI)
 OTHER NAMES:
 CN 1,3,3-Trimethyl-1-(isocyanatomethyl)-5-isocyanatocyclohexane
 CN 1-(Isocyanatomethyl)-5-isocyanato-1,3,3-trimethylcyclohexane
 CN 1-Isocyanato-3,3,5-trimethyl-5-(isocyanatomethyl)cyclohexane
 CN 1-Isocyanato-3-(isocyanatomethyl)-3,5,5-trimethylcyclohexane
 CN 1-Isocyanato-5-(isocyanatomethyl)-3,3,5-trimethylcyclohexane
 CN 3,3,5-Trimethyl-5-(isocyanatomethyl)cyclohexyl isocyanate
 CN 3-(Isocyanatomethyl)-3,5,5-trimethylcyclohexyl isocyanate
 CN 5-Isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane
 CN IPDI
 CN **Isophorone diisocyanate**
 FS 3D CONCORD
 DR 124961-52-0, 63793-40-8, 129212-17-5, 101701-80-8, 102771-74-4,
 105439-02-9, 66708-07-4, 50974-99-7, 74091-63-7, 74520-92-6, 70936-97-9,
 146282-59-9, 146665-38-5, 149579-36-2, 88778-74-9, 26602-93-7,
 52985-93-0,
 110648-35-6, 111093-75-5, 194936-84-0
 MF C12 H18 N2 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DIOGENES, DIPPR*,
 EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, NIOSHTIC,
 PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4041 REFERENCES IN FILE CA (1957 TO DATE)
 3026 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 4047 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 822-06-0 REGISTRY
 CN Hexane, 1,6-diisocyanato- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Isocyanic acid, hexamethylene ester (6CI, 8CI)
 OTHER NAMES:
 CN 1,6-Diisocyanatohexane
 CN **1,6-Hexamethylene diisocyanate**
 CN 1,6-Hexylene diisocyanate
 CN HDI
 CN **Hexamethylene diisocyanate**
 CN Hexane 1,6-diisocyanate
 CN HMDI
 FS 3D CONCORD
 DR 57350-77-3, 63525-90-6, 133394-59-9, 66368-96-5, 88357-62-4, 53192-27-1,
 243121-01-9, 280144-19-6
 MF C8 H12 N2 O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
 BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DETHERM*, DIPPR*,
 EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

OCN—(CH₂)₆—NCO

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

5744 REFERENCES IN FILE CA (1957 TO DATE)
 2947 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 5755 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 179 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

WEST Search History

10/059,410

DATE: Thursday, May 29, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>		
L12	l9 near10 l10	24	L12
	<i>DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
L11	l9 and l10	21	L11
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
L10	((isocyanat?\$1 or NCO or urethane) near3 prepolymer\$2) or polyurethane or diisocyanat?\$1 or polyisocyanat?\$1 or isophoronediiisocyanate or hexamethylenediisocyanate	311353	L10
L9	((dimethylolbutanoic or dimethylolbutyric) adj acid) or ((dimethylol or (bis adj hydroxymethyl)) adj (butanoic or butyric) adj acid) or (bis adj (hydroxymethylbutanoic or hydroxymethylbutyric) adj acid) or ((bishydroxymethylbutanoic or bishydroxymethylbutyric) adj acid)	357	L9
	<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>		
L8	6479152.pn.	1	L8
	<i>DB=DWPI; PLUR=YES; OP=ADJ</i>		
L7	jp-10226719-\$.did.	1	L7
L6	jp-10237384-\$.did.	1	L6
L5	jp-10237014-\$.did.	1	L5
L4	jp-10273587-\$.did.	1	L4
L3	jp-2000290108-\$.did.	1	L3
L2	jp-03065606-\$.did.	0	L2
L1	jp-2001011413-\$.did.	1	L1

END OF SEARCH HISTORY